

**UNIVERSAL ROUTINE FOR**  
**REVIEWING AND EXERCISING SOFTWARE OBJECTS**

**Abstract of the Invention**

A universal routine is controlled through a user interface, or through an engine command processor  
5 when using a recorded file, and implements logical operations for reviewing and testing objects in  
the program. Through the user interface the reviewer selects objects to be exercised and exercises  
them with selected methods and parameters. The object under review is cocreated so that the  
cocreated object is exercised. The reviewer selects parameters, if any, for use by the selected method  
in the object when the selected method is invoked. The selected method on the object is called; the  
10 parameters for the method are retrieved and the method is invoked. In effect the object under review  
is sent a message containing a selected method to be performed with selected parameters. The result  
of exercising the object with the selected method and selected parameters is logged for review. A  
dialog between the user/reviewer and the objects under test continues until all objects to be reviewed  
have been exercised.